

## WHAT IS CLAIMED IS:

1. A power saving device disposed in a wireless mouse having a plurality of buttons and a scroll wheel disposed on a control end at the front of housing of the mouse, a signal emitter disposed in the housing to send wireless signals for the operation of a computer, and a set of battery used as operating power supply of the mouse, comprising:

a window disposed on an upper surface of said housing;  
at least one sensor both contacts of which connect to said battery and said signal emitter, respectively, said sensor being disposed under said window and using said battery as operating power supply; and  
triggering said sensor and connecting said operating power supply when a user holds the mouse, and disconnecting power supplied to said signal emitter when the user does not use said computer for a while and the mouse is in a suspending mode so that said signal emitter does not perform scanning continuously any more to conserve said battery.

2. The power saving device as claimed in claim 1, wherein said sensor comprises a emitter and a receiver, a signal sent from said emitter is blocked and reflected to said receiver, and the operating power supply is connected when said receiver receives a signal same as the signal sent from said emitter.